

EXHIBIT 4

TAVTIGIAN DECLARATION
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CLUSTAL 2.0.12 multiple sequence alignment

USP-5837492_SEQ-ID-NO-1 GGTGGCGGAGCTTCTGAAACTAGGCGGAGAGCGGAGCCGCTGTGGCA 50
WO1997019110_SEQ-ID-NO-15 -----

[~1,000 intervening nucleotides of true BRCA2 cDNA sequence missing from ICR's "BRCA2" cDNA sequence.]

USP-5837492_SEQ-ID-NO-1 AAAGAGAAGCTGCAAGTCATGGATTGGAAAAACATCAGGGAATTCATT 1050
WO1997019110_SEQ-ID-NO-15 -----

USP-5837492_SEQ-ID-NO-1 AAAGTAAATAGCTGCAAGACCACATTGGAAGTCAATGCCAAATGTCCT 1100
WO1997019110_SEQ-ID-NO-15 -----CCACATTGGAAGTCAATGCCAAATGTCCT 30

Comment [b1]: ICR's "BRCA2" cDNA sequence starts here, at position 1071 of Myriad's correct BRCA2 cDNA sequence.

USP-5837492_SEQ-ID-NO-1 AGAAGATGAAGTATATGAAACAGTTGTAGATACCTCTGAAGAAGATAGTT 1150
WO1997019110_SEQ-ID-NO-15 AGAAGATGAAGTATATGAAACAGTTGTAGATACCTCTGAAGAAGATAGTT 80

[ICR's "BRCA2" cDNA sequence aligns with Myriad's sequence, with some isolated errors, for roughly 7,000 nucleotides.]

USP-5837492_SEQ-ID-NO-1 ACTGGAAAAGGAATACAGTTGGCTGATGGTGGATGGCTCATACCCCTCCAA 8000
WO1997019110_SEQ-ID-NO-15 ACTGGAAAAGGAATACAGTTGGCTGATGGTGGATGGCTCATACCCCTCCAA 6928

USP-5837492_SEQ-ID-NO-1 TGATGGAAGGCTGGAAGAAGAAATTTATAGGGCTCTGTGTGACACT- 8049
WO1997019110_SEQ-ID-NO-15 TGATGGAAGGCTGGAAGAAGAAATTTATAGGGCTCTGTGTGACGTAA 6978

Comment [b2]: ICR's "BRCA2" cDNA sequence diverges from Myriad's BRCA2 cDNA sequence here, with roughly 3,300 nucleotides remaining in the true BRCA2 cDNA.

USP-5837492_SEQ-ID-NO-1 ---CCAGGT-GTGGAT---CCAAAGCTTATTCTAGAATTGGGTTTATA 8092
WO1997019110_SEQ-ID-NO-15 AGGCCACATAGTGGATAAACCATGTGCCACITGAGGAATTGAGAA--AAA 7026
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USP-5837492_SEQ-ID-NO-1 ATCACTATAGATGGATCATATGGAAACTGGCAGCTATGGAATGTGCCTTT 8142

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WO1997019110_SEQ-ID-NO-15	GTCAGTGTGTTTAGAACATAAGGAGAGGGGCAGA---GAAATGGATCTGG 7073 *** * * * * ** * * * * * * * * * * * * * * * *
USP-5837492_SEQ-ID-NO-1 WO1997019110_SEQ-ID-NO-15	CCTAAGGAATTTGCTAATAGATGCCTAAGCCAGAAAGGGTGCTTCTTCA 8192 TACAGGAGAATCAATGAGACCGGGTAAGAAACAGAAAAAGGGCTGC---- 7119 *
USP-5837492_SEQ-ID-NO-1 WO1997019110_SEQ-ID-NO-15	ACTAAAAATACAGATATGATACGGAAATTGAT----AGAAGCAGAAAGATCGG 8239 ACCAAATGATTGACACGCTCTGCAAACCTTCTTTTGTGTGGCTCAAGTTGTG 7169 ** *** *
USP-5837492_SEQ-ID-NO-1 WO1997019110_SEQ-ID-NO-15	CTATAAAAAAGATAATGAAAAGGGATGACACAGCTGCAAAAAACACTTGTT 8289 GCTCAAGAGGTGAGAAGGTAAGGCCAGACTTATTTGTTATGAT--TTGCC 7217 ** *
USP-5837492_SEQ-ID-NO-1 WO1997019110_SEQ-ID-NO-15	CTCTGTGTTTCTGACATAAATTTTCATTGAGCGCAATATATCTGAAACTTC 8339 CTTTAAATTGAAGCCTTAAGATT]----- 7240 ** *
USP-5837492_SEQ-ID-NO-1 WO1997019110_SEQ-ID-NO-15	TAGCAATAAAACTAGTAGTGCAGATACCCAAAAAGTGGCCATTATTGAAC 8389 -----
[~3,000 intervening nucleotides of true BRCA2 cDNA sequence missing from ICR's "BRCA2" cDNA sequence.]	
USP-5837492_SEQ-ID-NO-1 WO1997019110_SEQ-ID-NO-15	AATCAGAAGATTTCATAGTTAATTTATTTTTTTTTTCAACAAAAATGGTCA 11339 -----
USP-5837492_SEQ-ID-NO-1 WO1997019110_SEQ-ID-NO-15	TCCAAACTCAAACCTGAGAAAAATATCTTGCTTTCAAATTGACACTA 11385 -----

Comment [b3]: ICR's "BRCA2" cDNA sequence ends here, with roughly 3,000 nucleotides remaining in the true BRCA2 cDNA sequence

Comment [b4]: Myriad's corrected BRCA2 cDNA ends here.